

Arkansas Science / Project Learning Tree Correlations – 2005 Frameworks

SECOND GRADE

Correlations Levels

😊 Moderate correlation – activity may be used to enhance other activities, but should not be a stand-alone lesson

😊😊 Strong correlation – activity may be used as a stand-alone to teach the concept

Strand 2: Life Science

Standard 2: Living Systems: Characteristics, Structure, and Function – Students shall demonstrate and apply knowledge of living systems using appropriate safety procedures, equipment, and technology

Characteristics	LS.2.21 Classify animals into major groups according to their structure: Mammals Birds Fish	6	Picture This	😊😊
		22	Trees as Habitats	😊
	LS.2.2.3 Identify basic needs of most plants: Nutrients Water Light Air Temperature	7	Habitat Pen Pals	😊
		8	The Forest of S.T. Shrew	😊
		21	Adopt a Tree	😊
		26	Dynamic Duos	😊
		27	Every Tree for Itself	😊
		41	How Plants Grow	😊
		42	Sunlight and Shades of Green	😊
		63	Tree Factory	😊
	LS.2.2.4 Compare different types of flowering plants and	20	Environmental Exchange Box	😊

	conifers			
		61	The Closer You Look	☺
		64	Looking at Leaves	☺
		68	Name that Tree	☺
Structure and Function	LS.2.2.5 Identify the major parts and functions of the skeletal system	2	Get in Touch with Trees	☺
		27	Every Tree For Itself	☺
		28	Air Plants	☺
		42	Sunlight and Shades of Green	☺
		62	To Be a Tree	☺
		63	Tree Factory	☺
		65	Bursting Buds	☺
	Standard 4: Populations and Ecosystems – Students shall demonstrate and apply knowledge of populations and ecosystems using appropriate safety procedures, equipment, and technology			
Populations and Ecosystems	LS.4.2.1 Compare and contrast living and extinct species	88	Life on the Edge	☺
	LS.4.2.2 Describe the characteristics of various habitats	7	Habitat Pen Pals	☺
		8	The Forest of S.T. Shrew	☺
		20	Environmental Exchange Box	☺
		22	Trees as Habitats	☺
		23	The Fallen Log	☺
		26	Dynamic Duos	☺
		30	Three Cheers for Trees	☺
		31	Plant a Tree	☺
		47	Are Vacant Lots Vacant	☺
		48	Field, Forest, and Stream	☺
		49	Tropical Treehouse	☺

		54	I'd like to Visit a Place Where	☺
Strand 3: Physical Science	Standard 5: Matter: Properties and Changes -- Students shall demonstrate and apply knowledge of matter, including properties and changes, using appropriate safety procedures, equipment, and technology			
Physical Properties	PS.5.2.1 Classify objects based on two or more properties	1	The Shape of Things	☺ ☺
		61	The Closer You Look	☺
		64	Looking at Leaves	☺
		68	Name that Tree	☺
		70	Soil Stories	☺
	Standard 7: Energy and Transfer of Energy -- Students shall demonstrate and apply knowledge of energy and transfer of energy using appropriate safety procedures, equipment, and technology			
Electricity	PS7.2.3 Demonstrate methods of using electricity to produce Heat Light Sound	39	Energy Sleuths	☺
Strand 4: Earth and Space Science	Standard 8: Earth Systems: Structure and Properties -- Students shall demonstrate and apply knowledge of Earth's structure and properties using appropriate safety procedures, equipment, and technology			
Properties of the Earth	ESS.8.2.1 Conduct investigations to distinguish among the following components of soil: Clay	70	Soil Stories	☺ ☺

	Sand Silt Humus			
	ESS.8.2.2 Recognize and discuss the different properties of soil: Color Texture Ability to retain water Ability to support plant growth	70	Soil Stories	☺
Natural Resources	ESS.8.2.4 Identify products derived from natural resources	13	We All Need Trees	☺ ☺
		15	A Few of My Favorite Things	☺ ☺
		69	Forest for the Trees	☺
		75	Tipi Talk	☺
		82	Resource Go Round	☺
		85	In the Driver's Seat	☺
		89	Trees for Many Reasons	☺